XLII. *A Letter from Mr.* Emanuel Mendez da Coſta, *F. R. S. to the Rev.* Thomas Birch, *D. D. Secr. R. S. concerning the* Foſſil, *found at* Dudley *in* Staffordſhire, *and deſcribed in the* Phil. Tranſ. N. 496.

SIR,

Read July 12, 1753. THE famous foſſil, which Dr. Lyttelton ſhew'd to the Royal Society ſome time ago from Dudley in Staffordſhire, and which is engraved and deſcribed in N° 496 of the *Tranſactions*, cauſed many arguments to what claſs of animals it belonged. Dr. Pococke afterwards produced two or three ſpecimens of it extended, which proved it of the cruſtaceous tribe of animals. But none of his ſaid ſpecimens being very fair, I have taken the liberty to ſend you a very fair ſpecimen of the ſaid foſſil extended, ſent me laſt week from the iron mines at Colnbrookdale in Shropſhire, and which abſolutely determines me to pronounce it to be the remains of a cruſtaceous animal, of that kind called *Pediculi marini*, which are ſcaled all round, and can at will roll themſelves up: And this particular kind (not to my knowlege yet diſcover'd from ſea) may be juſtly ſynonymed *Pediculus marinus major trilobos.*

Tho' I heretofore thought it not deſcribed by any Engliſh author, yet I find it is deſcribed and figured, tho' badly, by our late member Mr. Edw. Lhuyd, in his *Lithophylacium Britannicum Ichnographia*, Epiſt. 1. p. 96. Table XXII. who found them in plenty

plenty in quarries, *juxta ædes nob. v. D. Gryſidii Rice de Newton, arm. prope oppidum Sancti Teilavii, in comitatu Mariduniæ.* He calls it *Bugloſſa curta ſtrigoſa.* He alſo gives the figure of it without any deſcription, in the *Phil. Tranſ.* N° 243.

I beg you would communicate this ſupplement to the Royal Society in my name. I remain, with great eſteem,

SIR,

London, July 12, 1753.

Your very humble ſervant,

Emanuel Mendez da Coſta.

XLIII. *Letters relating to a Theorem of Mr.* Euler, *of the* Royal Academy *of* Sciences *at* Berlin, *and F. R. S. for correcting the Aberrations in the* Object-Glaſſes *of* refracting Teleſcopes.

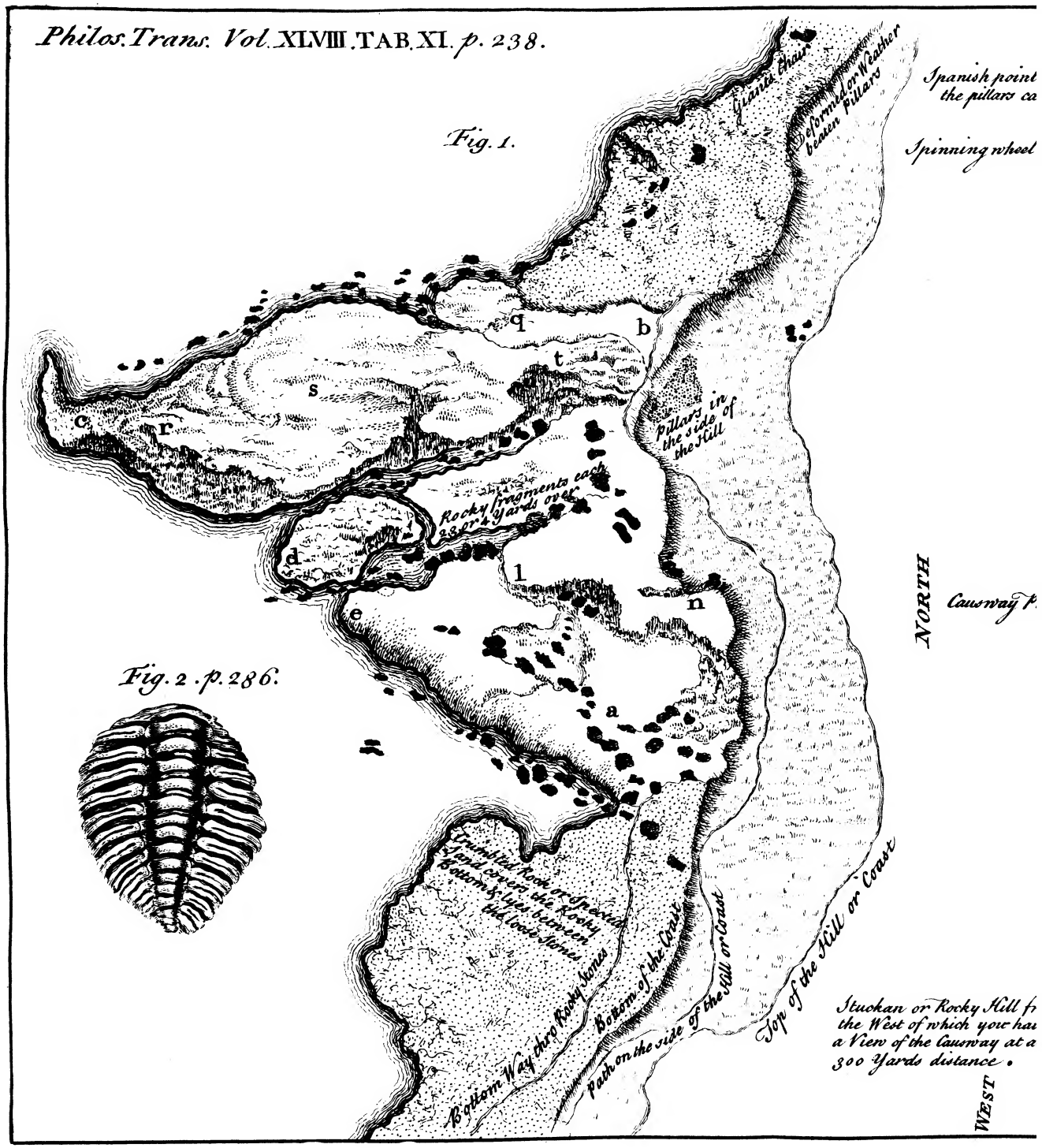
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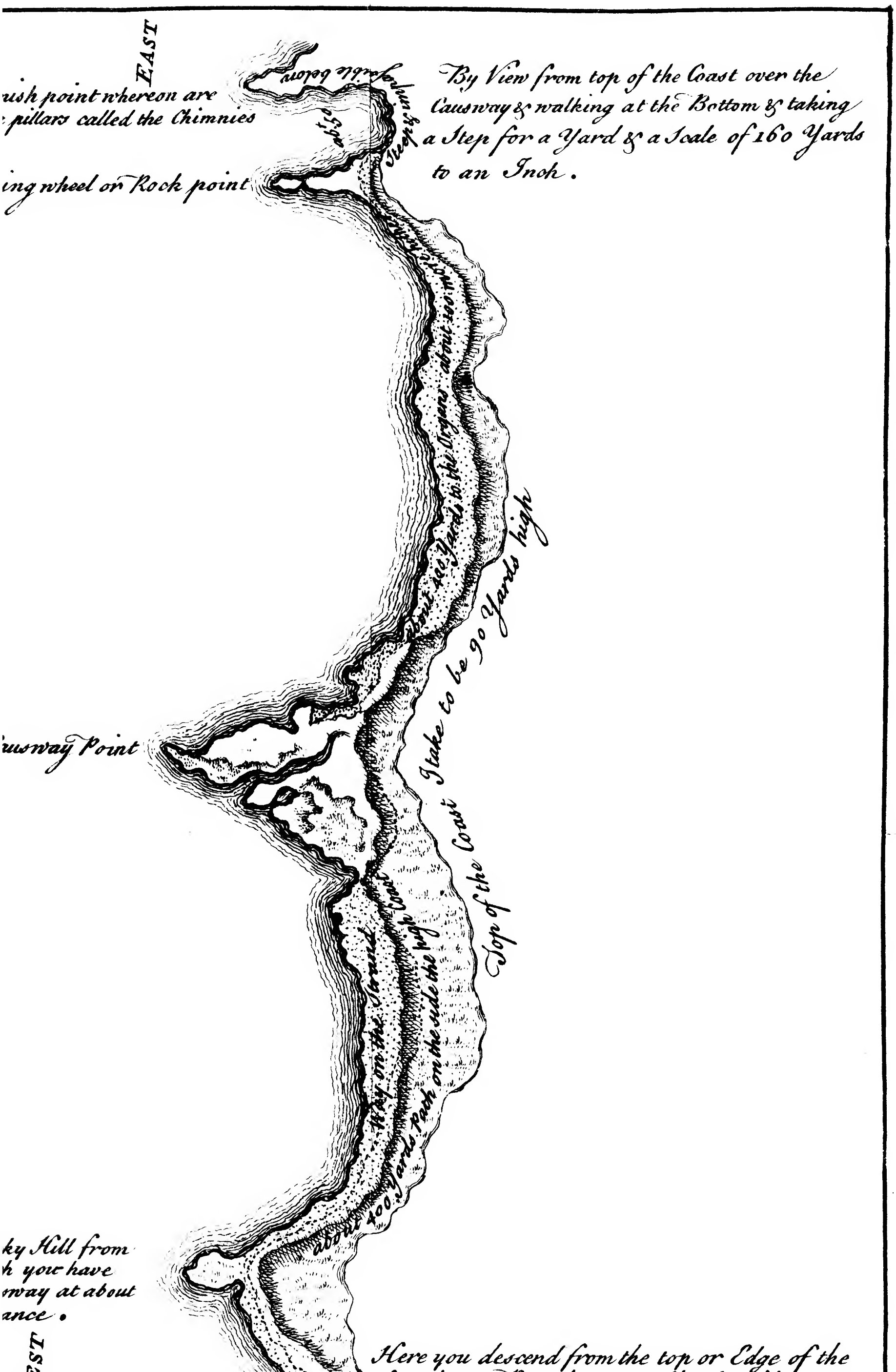
A Letter from Mr. James Short, *F. R. S. to* Peter Daval, *Eſq*; *F. R. S.*

Dear Sir,

Read April 9, 1752. THERE is publiſhed, in the Memoirs of the Royal Academy at Berlin, for the year 1747, a theorem by Mr. Euler, in which he ſhews a method of making object-glaſſes of teleſcopes, in ſuch a manner, as not to be affected by

Philos. Trans. Vol. XLVIII. TAB. XI. p. 238.





EAST
By View from top of the Coast over the Causway & walking at the Bottom & taking a Step for a Yard & a Scale of 160 Yards to an Inch.
ush point whereon are
pillars called the Chimnies
ing wheel or Rock point
usway Point
Top of the Coast Stake to be 90 Yards high
Way on the Strand
about 400 Yards Path on the side the high Coast
ky Hill from
h you have
nway at about
ance.
WEST
Here you descend from the top or Edge of the Coast into a Bay about 200 Yards wide.

J. Mynde sc.

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